

INSPECTION-REPORT-JP-SVSI-20221011

J-PECO Job nr: JP-SVSI-20221011

PROJECT: QA01 SAND FILTER BACKWASH SYSTEM	Ref: JP-SVSI-221001
J-PECO Client: Severn Valve Solutions FZE	P/o nr: (client to J-PECO)
Manufacturer: LISHUI OUYI VALVE CO., LTD.	P/o nr: N/A (Client to Manufacturer)
Inspection requested by: SEVERN	

Item No.	SUPPLY / SUBJECT OF INSPECTION	Qty.	Offer Qty.	Serial No.
PO No.: SSO-300-2022_Rev00				
1	VALVE,BALL:10",300LB,RF,SB,FP,GO,A105N,B16.5,B16.10,NACE MR0175,API 6D,API-607,BF03A03,A03E2B Part Number PVBC1B30RFC9ZFC	80	80	NA
PO No.: SSO-305-2022_Rev00				
1	VALVE,BALL:1/2",150LB,RF,SB,FP,LO,A105N,B16.5,B16.10,NACE MR0175,API 608,API-607,BF03A03,A01E2B Part Number PVBC1B15RFC6ZF6	10	10	NA
2	VALVE,BALL:1/2",300LB,RF,SB,FP,LO,A105N,B16.5,B16.10,NACE MR0175,API608,API-607,BF03A03,A03E2B Part Number PVBC1B30RFC9ZFC	45	45	NA
3	VALVE,BALL:6",300LB,RF,SB,FP,LO,A105N,B16.5,B16.10,NACE MR0175,API 6D,API-607,BF03A03,A03E2B Part Number PVBC1B30RFC9ZFC	48	48	NA
4	VALVE,BALL:8",300LB,RF,SB,FP,GO,A105N,B16.5,B16.10,NACE MR0175,API 6D,API-607,BF03A03,A03E2B Part Number PVBC1B30RFC9ZFC	15	15	NA
5	VALVE,BALL:10",150LB,RF,SB,FP,GO,A105N,B16.5,B16.10,NACE MR0175,API 6D,API-607,BF03A03,A01E2B Part Number PVBC1B15RFC6ZF6	16	16	NA
PO No.: SSO-296-2022_Rev00				
1	VALVE,BALL:10",300LB,RF,SB,FP,GO,A105N,B16.5,B16.10,NACE MR0175,API 6D,API-607,BF03A03,A01E2B Part Number PVBC1B30RFC9ZFC	30	30	NA
2	VALVE,BALL:6",300LB,RF,SB,FP,LO,A105N,B16.5,B16.10,NACE MR0175,API 6D,API-607,BF03A03,A01E2B Part Number PVBC1B15RFC6ZF6	20	20	NA
3	VALVE,BALL:6",900 LB,RTJ,SB,TM,FB,SE,GO,API 6D,API-607,BODY: A105N,BF09A02,A09E2B,PVBC1B90RJC9ZF2 Part Number PVBC1B90RJC9ZF2	6	6	NA
4	VALVE,GATE:150LB,RF,BB,SP,WO,B16.5,B16.10,MR0175,API 6D,API-607,BF03A03,A01E2B,PVGC1B15RF61ZDB Part Number PVGC1B15RF61ZDB	38	38	NA
5	VALVE,BALL:12",300LB,RF,SB,FP,GO,A105N,B16.5,B16.10,NACE MR0175,API 6D,API-607,BF03A03,A03E2B Part Number PVBC1B30RFC9ZFC	3	3	NA

DOCUMENTS OF REFERENCE : See continuation sheet for additional documents: ☒ Yes ☐ No

Title	Reference n°	Rev.	Approved	Date
General Arrangement Drawing	3000RO-135659-B01-0001-01	01	Vijayabalu Poobalan	21/08/2022
General Arrangement Drawing	3000RO-135674-B01-0001	01	RajPrakash.M	28/08/2022
General Arrangement Drawing	3000RO-135571-B01-0001	01	Yogeshkumar.K	26/08/2022



INSPECTION-REPORT-JP-SVSI-20221011

J-PECO Job nr: JP-SVSI-20221011

INSPECTION AND TEST PLAN (ITP)

3000RO-135571-Q03-0001-02

02

RajPrakash.M

31/08/2022

INSPECTIONS :

Inspection place & Date or Period:
 No.7991 Jinniu Street, Bihu Industrial
 Zone, Lishui City, Zhejiang, China
 Date: 11th, Oct., 2022

Stage of inspection :

- ☐ Before manufacturing
☒ During manufacturing
☐ Final
☐ Packing

Kind of inspection:

- ☐ Pre-inspection meeting
☐ Witnessing tests
☐ Final inspection
☐ Document review
☒ Expediting & vendor
 assessment
☐ Packing
 (for details see continuation sheet*)

Stamping :

- ☒ No

Results of inspection : ☒ Satisfactory ☐ Unsatisfactory**Non Conformities Reports (NCR):**

NCR's issued during reported period :
 None

List of outstanding NCR's :
 None

Main Conclusions & Remarks: (for details see continuation sheet)

As per request of Severn Valve Solutions FZE, J-PECO
 inspector Zhao J. participated in the expediting activities
 for products stored in a warehouse at LISHUI OUYI VALVE
 CO., LTD.

Please refer below for the details.

Next visit schedule:

N/A

INSPECTION-REPORT-JP-SVSI-20221011

J-PECO Job nr: JP-SVSI-20221011

Description of the inspections carried out:

➤ Introduction

As per request of CLIENT, the undersigned inspector Zhao Junchao from **Amoy Jipeng Project Supervision and Consulting Co., Ltd.** conducted expediting activities for valve product of **LISHUI OUYI VALVE CO., LTD.** (hereinafter referred to as Supplier) on 11th, Oct 2022.
The details as following:

J-PECO Scope of work

1. Expediting activities

Attendees

Name	Company	Title
Mr. Zhao Junchao	J-PECO	Inspector of SEVERN
Ms. Doris Jin	LISHUI OUYI	Sales manager

➤ Manufacturing Progress Status and Inspected Product List

The main parts of the valve have entered the finishing process, such as valve body, gasket, seal, stem, etc. Most valve balls are coating with HVOF. However, due to the government power restrictions, it is difficult for heat treatment plant to work normally during the day, and they can only work overtime at night. J-PECO was communicating with the heat treatment plant to speed up the progress and avoid affecting the assembly progress.

➤ Details of inspection activities carried out with respect to scope of work

1. PO received.

As discussed with supplier, the PO was received on Aug, 11th, 2022, PO number was SSO-300-2022, and the drawing was finally confirmed on Aug, 21st, 2022.

After that, the requested delivery date was Sep, 22nd, 2022. And the current promised delivery date was Oct, 26th, 2022.

The scope of the PO was

Item	Description	Qty.	Trace No.
1	VALVE, BALL: 1/2", 300LB, RF, SB, FP, GO, A105N, B16.5, B16.10, NACE MR0175, API 6D, API-607, BF03A03, A03E2B Part Number PVBC1B30RFC9ZFC	80	/

PO was received on Aug, 15th, 2022, PO number was SSO-305-2022, and the drawing was finally confirmed on Aug, 28th, 2022.

After that, the requested delivery date was Sep, 26th, 2022. And the current promised delivery date was Nov, 7th, 2022.

Scope of the PO as below:

Item	Description	Qty.	Trace No.
1	VALVE, BALL: 1/2", 150LB, RF, SB, FP, LO, A105N, B16.5, B16.10, NACE MR0175, API 608, API-607, BF01A01, A01E2B Part Number PVBC1B15RFC5ZF5	10	/
2	VALVE, BALL: 1/2", 300LB, RF, SB, FP, LO, B16.5, B16.10, NACE MR0175, API 608, API-607, ASTM A105N, BF03A01, A03E2 Part Number PVBC1B30RFC5ZFA	45	/

INSPECTION-REPORT-JP-SVSI-20221011

J-PECO Job nr: JP-SVSI-20221011

3	VALVE,BALL:6",300LB,RF,SB,FP,GO,A105N,B16.5,B16.10,NACE MR0175,API 6D,API-607,BF03A03,A03E2B Part Number PVBC1B30RFC9ZFC	48	/
4	VALVE,BALL:8",300LB,RF,SB,FP,GO,A105N,B16.5,B16.10,NACE MR0175,API 6D,API-607,BF03A03,A03E2B Part Number PVBC1B30RFC9ZFC	15	/
5	VALVE,BALL:10",150LB,RF,SB,FP,GO,A105N,B16.5,B16.10,NACE MR0175,API 6D,API-607,BF01A04,A01E2B Part Number PVBC1B15RFC9ZF8	16	/

The PO was received on Aug, 9th, 2022, PO number was SSO-296-2022, and the drawing was finally confirmed on Aug, 26th, 2022.

After that, the requested delivery date was Nov, 1st, 2022. And the current promised delivery date was Nov, 26th, 2022.

The scope of the PO as below:

Item	Description	Qty.	Time No.
1	VALVE,BALL:2",150LB,RF,SB,FP,LO,A105N,B16.5,B16.10,NACE MR0175,API 6D,API-607,BF01A02,A01E2B Part Number PVBC1B15RFC6ZF6	30	/
2	VALVE,BALL:6",150LB,RF,SB,FP,LO,A105N,B16.5,B16.10,NACE MR0175,API 6D,API-607,BF01A02,A01E2B Part Number PVBC1B15RFC6ZF6	20	/
3	VALVE,BALL:6",900 LB,RTJ,SB,FP,GO,API 607,BODY:A105N,BF09A02,A09E2B,VALVE 300RJC9Z Part Number PVBC1B90RFC9ZF	6	/
4	VALVE,GATE:2",150LB,RF,BB,SP,WG,A105N,B16.5,B16.10,NACE MR0175,API 602,A105N,BF01A01,A01E2B,VALVE 300RJC9Z Part Number PVBC1B15RFC6ZF6	38	/
5	VALVE,BALL:12",300LB,RF,SB,FP,GO,A105N,B16.5,B16.10,NACE MR0175,API 602,A105N,BF03A03,A03E2B Part Number PVBC1B30RFC9ZFC	3	/

2. Engineering QC documents.

All drawings were approved. Except for ITP(3000RO-135659 and 3000RO-135674), other QC documents were approved.

3. Suborder placement and delivery.

The gear operator has arrived, except for PO number SSO-300-2022.

Production schedule.

As discussed with supplier, the current production schedule as following:

PO number SSO-300-2022:

The gear operator has been purchased and was expected to arrive at the factory in one week.

The machining was scheduled to be completed on Oct. 17.

The assembly was scheduled to be completed on Oct. 18.

Final Testing Inspection was scheduled for Oct. 20.

PO number SSO-305-2022:

The machining was scheduled to be completed on Oct. 25.

INSPECTION-REPORT-JP-SVSI-20221011**J-PECO Job nr: JP-SVSI-20221011**

The assembly was scheduled to be completed on Oct. 28.

Final Testing Inspection was scheduled for Oct. 30.

PO number SSO-296-2022:

The machining was scheduled to be completed on Oct. 30.

The assembly was scheduled to be completed on Nov. 8.

Final Testing Inspection was scheduled for Nov. 12.

5. Packing and shipment.**PO number SSO-300-2022:**

The subsequent packing and delivery was planned around Oct. 25.

The delivery date requested on PO was September 21, 2022, and the current delivery date promised by the supplier was October 26, 2022.

PO number SSO-305-2022:

The subsequent packing and delivery was planned around August 25.

The delivery date requested on PO was September 26, 2022, and the current delivery date promised by the supplier was November 7, 2022.

PO number SSO-296-2022:

The subsequent packing and delivery was planned around August 25.

The delivery date requested on PO was November 1, 2022, and the current delivery date promised by the supplier was November 26, 2022.

➤ **Problems pending / Areas of Concern**

N/A

➤ **Results of Inspection**

Please refer to above for details.

➤ **Photos on site**

INSPECTION-REPORT-JP-SVSI-20221011*J-PECO Job nr: JP-SVSI-20221011*

Body machining (SSO-300-2022)



Body machining (SSO-300-2022)



Body machining (SSO-300-2022)



Body machining (SSO-300-2022)



Body machining (SSO-300-2022)



Body machining (SSO-300-2022)

INSPECTION-REPORT-JP-SVSI-20221011**J-PECO Job nr: JP-SVSI-20221011**

Seal sleeve machining (SSO-300-2022)



Seal sleeve machining (SSO-300-2022)



Ball waiting for coating (SSO-300-2022)



Ball waiting for coating (SSO-300-2022)



Body machining (SSO-305-2022)



Body machining (SSO-305-2022)

INSPECTION-REPORT-JP-SVSI-20221011

J-PECO Job nr: JP-SVSI-20221011



Body machined (SSO-305-2022)



Body machined (SSO-305-2022)



Body machined (SSO-305-2022)



Body machined (SSO-305-2022)



Seal sleeve machined (SSO-305-2022)



Stem machining (SSO-305-2022)

INSPECTION-REPORT-JP-SVSI-20221011

J-PECO Job nr: JP-SVSI-20221011



Seal sleeve machined (SSO-305-2022)



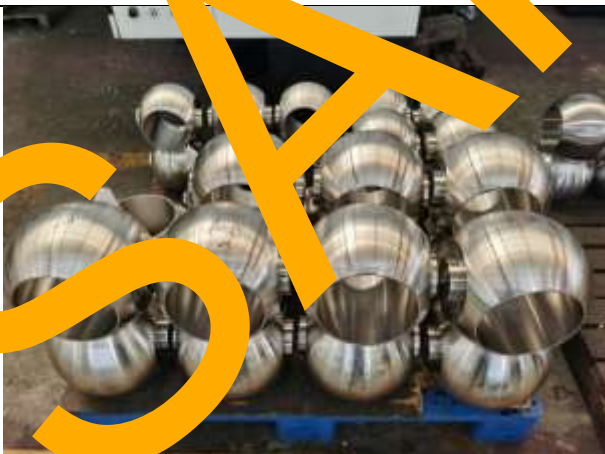
Lower part machined (SSO-305-2022)



Ball machining (SSO-305-2022)



Ball machining (SSO-305-2022)



Ball machining (SSO-305-2022)



Ball machining (SSO-305-2022)

INSPECTION-REPORT-JP-SVSI-20221011

J-PECO Job nr: JP-SVSI-20221011



Gear operator (SSO-305-2022)



Gear operator (SSO-305-2022)



Gear operator (SSO-305-2022)



Gear operator (SSO-305-2022)



Body machining (SSO-296-2022)



Body machining (SSO-296-2022)

INSPECTION-REPORT-JP-SVSI-20221011**J-PECO Job nr: JP-SVSI-20221011**

Body machining (SSO-296-2022)



Body machining (SSO-296-2022)



Body machining (SSO-296-2022)



Stem machining (SSO-296-2022)



Lower stem machined (SSO-296-2022)



Ball machining (SSO-296-2022)

INSPECTION-REPORT-JP-SVSI-20221011

J-PECO Job nr: JP-SVSI-20221011



Ball machining (SSO-296-2022)



Seal sleeve machining (SSO-296-2022)

ANNEXES ☐ Yes ☒**Inspected by:**

Name: Zhao Junhao

Signature: *Zhao Junhao*Date: 11th, Oct 2022

Inspection centre: J-PECO Project supervision

Checked by:

Name: Liu Xiaonan

Signature: *Liu Xiaonan*
☒ CLIENT ☐ MANUFACTURER ☒ J-PECO CHINA